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LAW OFFICES  
FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.  
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## FACSIMILE TRANSMITTAL

To: Patent Publications Office  
Firm: USPTO  
Fax No.: 703-872-9306 Phone No.: 703-308-6789  
Application No. 09/964,778  
Subject: Atty. Doc. 07414.0036 Date: April 27, 2004

From: Mark J. Feldstein Phone No.: 202-408-4092  
Fax # Verified by: R. Hogan - MD 216 No. of Pages (incl. this page) 11

Confirmation Copy to Follow: No

## Message:

CERTIFICATE OF TRANSMISSION UNDER 37 C.F.R. § 1.8

I hereby certify that the attached papers, "Request Under 37 C.F.R. § 3.81(b) to Correct Name of Assignee After Issue Fee Payment but Prior to Issuance, Copy of PTOL-85B as filed on April 12, 2004, Corrected PTOL-85B showing the corrected assignee information and a copy of the February 12, 2003, Notice of Recordation" are being transmitted by facsimile to the U.S. Patent and Trademark Office on the above-identified date.



Mark J. Feldstein  
Reg. No. 46,693

CEVH/MJF/rah

If there is a problem with this transmission, notify fax room at (202) 408-4174 or the sender at the number above.

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APR 27 2004  
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PATENT  
Customer No. 22,852  
Attorney Docket No. 07414.0036

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	) Allowed: January 20, 2004
Louis B. HOFF et al.	) Group Art Unit: 2877
Application No.: 09/964,778	) Examiner: L. Lauchman
Filed: September 28, 2001	)
For: SHAPED ILLUMINATION	)
GEOMETRY AND INTENSITY USING	)
A DIFFRACTIVE OPTICAL ELEMENT	)

Patent Publication Office  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**REQUEST UNDER 37 C.F.R. § 3.81(b) TO CORRECT NAME OF  
ASSIGNEE AFTER ISSUE FEE PAYMENT BUT PRIOR TO ISSUANCE**

In accordance with 37 C.F.R. § 3.81(b), Applicants request the Commissioner to correct prior to issuance the assignee's name from Applicants completed form PTOL-85B, filed on April 12, 2004. The complete assignee information, as recorded on January 14, 2003, at reel/frame 013367/0173, is enclosed. Accordingly, the correct assignee information on the face of the patent should read as follows:

(A) NAME OF ASSIGNEE

(B) RESIDENCE:

APPLERA CORPORATION

FOSTER CITY, CALIFORNIA

Applicants include herewith:

- (1) a copy of the PTOL-85B, as filed on April 12, 2004, now marked "Incorrect Assignee Information."

Application No. 09/964,778  
Attorney Docket No. 07414.0036

(2) a corrected PTOL-85B, showing the corrected assignee information, marked "Corrected Assignee Information," and

(3) a copy of the February 12, 2003, Notice of Recordation showing recordation on January 14, 2003, at Reel 013367, Frame 0173 of the assignment to Applera Corporation for Application No. 09/964,778 (page 5, entry number 12).

Please make the appropriate correction prior to issuance. If necessary to effect the above-identified correction, please consider this request to be a petition under 37 CFR § 1.183.

To the extent any extension of time under 37 C.F.R. § 1.136 is required to obtain entry of this request, such extension is hereby respectfully requested. If there are any fees due under 37 C.F.R. §§ 1.16 or 1.17 which are not enclosed herewith, including any fees required for an extension of time under 37 C.F.R. § 1.136, please charge such fees to our Deposit Account No. 06-0916.

The Office is requested to contact Applicants' undersigned representative by telephone at (202) 408-4092 to resolve any formal matters related to the requested correction.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,  
GARRETT & DUNNER, L.L.P.

Dated: April 27, 2004

By: 

Mark J. Feldstein  
Reg. No. 46,693

## PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 or Fax (703) 746-4000

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 3 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating the "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Legibly mark-up with any corrections or use Block 1)

7590 01/20/2004

Finnegan, Henderson, Farabow,  
 Garrett & Dunner, L.L.P.  
 1300 I Street, N.W.  
 Washington, DC 20005-3315

Note: A certificate of mailing is only required for domestic mailings of the Fee(s) Transmittal. This certificate is not required for any other accompanying papers. Each additional paper with an assignment or formal drawing, must have its own certificate of mailing.

I hereby certify that the Fee(s) Transmittal is being deposited with the United States Postal Service for first class mail in an envelope addressed to the ISSUE FEE address above, or being facsimile transmitted to the above address on the date indicated below.

(Depositor's name)  
 (Signature)  
 (Date)

APPLICATION NO.	FILING DATE	FIRST NAME OF INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/964,778	09/28/2001		7414.0036-00	3015

TITLE OF INVENTION: SHAPED ILLUMINATION GEOMETRY AND METHOD USING A DIFFRACTIVE OPTICAL ELEMENT

APPLN. TYPE	SMALL ENTITY	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$300	\$1630	04/20/2004
EXAMINER	PART UNIT	CLASS-SUBCLASS		
LAUCHMAN, LAYLA	2877	356-317000		

1. Change of correspondence address and "FEE ADDRESS" (37 CFR 1.363).

☐ Change of correspondence address (Change of Correspondence Address form PTO/SB-411 must be attached.)

☒ "FEE ADDRESS" in the "FEE ADDRESS" Indication form PTO/SB-477, Rev. 03-01-01 (Form) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1. Finnegan, Henderson,  
 2. Farabow, Garrett &  
 3. Dunner, L.L.P.

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

PE CORPORATION (NY)

(B) RESIDENCE (CITY AND STATE OR COUNTRY)

FOSTER CITY, CALIFORNIA

Please check the appropriate assigner category or categories (will not be printed on the patent):

☐ individual ☒ corporation or other private group entity ☐ government

4a. The following fee(s) are enclosed:

☒ Issue Fee☒ Publication Fee☐ Advance Order - # of Copies

4b. Payment of Fee(s):

☒ A check in the amount of the fee(s) is enclosed.☐ Payment by credit card. Form PTO-2038 is attached.

☒ The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number 06-0916 (enclose an extra copy of this form).

Director for Patents is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

(Authorized Signature)

Mark J. Feldstein, Reg. No. 46,693

(Date)

04/12/2004

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Alexandria, Virginia 22313-1450.

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## PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
or Fax (703) 746-4000

**INSTRUCTIONS:** This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 4 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Legibly mark-up with any corrections or use Block 1)

7590

01/20/2004

Finnegan, Henderson, Farabow,  
Garrett & Dunner, L.L.P.  
1300 I Street, N.W.  
Washington, DC 20005-3315

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

## Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO, on the date indicated below.

(Depositor's name)
(Signature)
(Date)

## \*\*\*CORRECTED ASSIGNEE INFORMATION\*\*\*

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/964,778	09/28/2001	Louis B. Holt	7414.0036-00	3015

TITLE OF INVENTION: SHAPED ILLUMINATION GEOMETRY AND INTENSITY USING A DIFFRACTIVE OPTICAL ELEMENT

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1330	\$300	\$1630	04/20/2004
EXAMINER	ART UNIT	CLASS-SUBCLASS			
LAUCHMAN, LAYLA G	2877	356-317000			

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.

☒ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 Finnegan, Henderson,  
2 Farabow, Garrett &  
3 Dunner, L.L.P.

## 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE--CORRECTED

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

~~APPLERA CORPORATION~~  
APPLERA CORPORATION

FOSTER CITY, CALIFORNIA

Please check the appropriate assignee category or categories (will not be printed on the patent):

☐ Individual ☒ Corporation or other private group entity ☐ government

4a. The following fee(s) are enclosed:

☒ Issue Fee☒ Publication Fee☐ Advance Order - # of Copies

4b. Payment of Fee(s):

☒ A check in the amount of the fee(s) is enclosed.☐ Payment by credit card. Form PTO-2036 is attached.

☒ The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number 06-0916 (enclose an extra copy of this form).

Director for Patents is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

(Authorized Signature) Mark J. Feldstein (Date) 04/12/2004

Mark J. Feldstein, Reg. No. 46,693

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Alexandria, Virginia 22313-1450.

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CORRECTED  
NOTICE

FEBRUARY 12, 2003

APPLIED BIOSYSTEMS GROUP  
JEFFERY D. FRAZIER  
850 LINCOLN CENTRE DRIVE  
FOSTER CITY, CA 94404-1128

RECEIVED  
PTAB LEGAL DESK  
FEB 24 2003  
Under Secretary of Commerce For Intellectual Property and  
Director of the United States Patent and Trademark Office  
Washington, DC 20231  
www.uspto.gov

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104



\*102354013A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 01/14/2003

REEL/FRAME: 013367/0173  
NUMBER OF PAGES: 11

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
PE CORPORATION (NY)

DOC DATE: 06/28/2002

ASSIGNEE:  
APPLERA CORPORATION  
APPLIED BIOSYSTEMS GROUP  
850 LINCOLN CENTRE DRIVE  
FOSTER CITY, CALIFORNIA 94404-1128

194203 SERIAL NUMBER: 09724635  
PATENT NUMBER:

FILING DATE: 11/28/2000  
ISSUE DATE:

417905 SERIAL NUMBER: 10167337  
PATENT NUMBER:

FILING DATE: 06/10/2002  
ISSUE DATE:

417906 SERIAL NUMBER: 10170044  
PATENT NUMBER:

FILING DATE: 06/10/2002  
ISSUE DATE:

422106 SERIAL NUMBER: 10040539  
PATENT NUMBER:

FILING DATE: 12/28/2001  
ISSUE DATE:

013367/0173 PAGE 2

4266C1	SERIAL NUMBER: 09885292 PATENT NUMBER:	FILING DATE: 06/19/2001 ISSUE DATE:
4273C2	SERIAL NUMBER: 10293236 PATENT NUMBER:	FILING DATE: 11/12/2002 ISSUE DATE:
4291C2	SERIAL NUMBER: 09628076 PATENT NUMBER:	FILING DATE: 07/28/2000 ISSUE DATE:
4291C3	SERIAL NUMBER: 09627580 PATENT NUMBER:	FILING DATE: 07/28/2000 ISSUE DATE:
4294D1	SERIAL NUMBER: 09593312 PATENT NUMBER: 6514699	FILING DATE: 06/13/2000 ISSUE DATE: 02/04/2003
4299C2	SERIAL NUMBER: 09976842 PATENT NUMBER:	FILING DATE: 10/11/2001 ISSUE DATE:
4303C4	SERIAL NUMBER: 10014743 PATENT NUMBER:	FILING DATE: 10/29/2001 ISSUE DATE:
4309C3	SERIAL NUMBER: 09578920 PATENT NUMBER:	FILING DATE: 05/25/2000 ISSUE DATE:
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4375C1	SERIAL NUMBER: 10085561 PATENT NUMBER:	FILING DATE: 02/26/2002 ISSUE DATE:
4377I1	SERIAL NUMBER: 09204865 PATENT NUMBER:	FILING DATE: 12/03/1998 ISSUE DATE:

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4378D1	SERIAL NUMBER: 09602544 PATENT NUMBER:	FILING DATE: 06/21/2000 ISSUE DATE:
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4410C1	SERIAL NUMBER: 09955554 PATENT NUMBER:	FILING DATE: 09/18/2001 ISSUE DATE:
441404	SERIAL NUMBER: 10199743 PATENT NUMBER:	FILING DATE: 07/19/2002 ISSUE DATE:
441412	SERIAL NUMBER: 10104335 PATENT NUMBER:	FILING DATE: 03/22/2002 ISSUE DATE:
4419C1	SERIAL NUMBER: 10112677 PATENT NUMBER:	FILING DATE: 03/28/2002 ISSUE DATE:



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4424I	SERIAL NUMBER: 09506870 PATENT NUMBER:	FILING DATE: 02/15/2000 ISSUE DATE:
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013367/0173 PAGE 5

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4688	SERIAL NUMBER: 10091231 PATENT NUMBER:	FILING DATE: 03/04/2002 ISSUE DATE:
4693	SERIAL NUMBER: 09846855 PATENT NUMBER:	FILING DATE: 05/01/2001 ISSUE DATE:
4695	SERIAL NUMBER: 10109104 PATENT NUMBER:	FILING DATE: 03/27/2002 ISSUE DATE:
4696	SERIAL NUMBER: 10058927 PATENT NUMBER:	FILING DATE: 01/30/2002 ISSUE DATE:

013367/0173 PAGE 6

4702	SERIAL NUMBER: 10055517 PATENT NUMBER:	FILING DATE: 01/23/2002 ISSUE DATE:
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4740	SERIAL NUMBER: 10142514 PATENT NUMBER:	FILING DATE: 05/09/2002 ISSUE DATE:
4742	SERIAL NUMBER: 10151061 PATENT NUMBER:	FILING DATE: 05/16/2002 ISSUE DATE:
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4780	SERIAL NUMBER: 09938767 PATENT NUMBER:	FILING DATE: 08/24/2001 ISSUE DATE:
4785	SERIAL NUMBER: 09955608 PATENT NUMBER:	FILING DATE: 09/19/2001 ISSUE DATE:
4805	SERIAL NUMBER: 10144179 PATENT NUMBER:	FILING DATE: 05/09/2002 ISSUE DATE:
4856	SERIAL NUMBER: 10134196 PATENT NUMBER:	FILING DATE: 04/26/2002 ISSUE DATE:
4928	SERIAL NUMBER: 10087541 PATENT NUMBER:	FILING DATE: 03/01/2002 ISSUE DATE:
5011	SERIAL NUMBER: 09526131 PATENT NUMBER:	FILING DATE: 03/15/2000 ISSUE DATE:
5013	SERIAL NUMBER: 10085142 PATENT NUMBER:	FILING DATE: 03/01/2002 ISSUE DATE:
4380	SERIAL NUMBER: 08968208 PATENT NUMBER:	FILING DATE: 11/12/1997 ISSUE DATE:

PEARLENE FOSTER, PARALEGAL  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS